Abstract of the Disclosure

A model framework for generating batch programs has an abstraction representing a batch program, an abstraction representing a batch function of the program, an abstraction representing operation of the function, an abstraction representing a data provider to the function, and an abstraction representing a context class of the function. The framework is characterized in that instantiation of the model with the appropriate input data parameters input to each abstraction generates appropriate instances of batch functions including function operations wherein the generated instances are executable as part of a run sequence of the batch program.